

Particle	Mass	Spin	Charge	Color	Flavor	Lepton	Number	Decay
Quark	$\frac{1}{3}$	$\frac{1}{2}$	$\frac{1}{3}$	3	6	0	1	$q \rightarrow l + \bar{\nu}_l + \bar{q}'$
Lepton	1	$\frac{1}{2}$	1	1	6	1	1	$l \rightarrow q + \bar{q}' + \nu_l$
Photon	0	1	0	1	1	0	0	$\gamma \rightarrow e^+ e^-$
Neutrino	0	$\frac{1}{2}$	0	1	6	1	1	$\nu_l \rightarrow l + \bar{q} + q'$
Antineutrino	0	$\frac{1}{2}$	0	1	6	1	1	$\bar{\nu}_l \rightarrow l + q + \bar{q}'$
Scalar	1	0	0	1	1	0	0	$\phi \rightarrow \psi \bar{\psi}$
Vector	1	1	0	1	1	0	0	$V \rightarrow \psi \bar{\psi}$
Tensor	2	2	0	1	1	0	0	$T \rightarrow \psi \bar{\psi}$
Majorana	1	0	0	1	1	0	0	$M \rightarrow \psi \bar{\psi}$
Dirac	1	0	0	1	1	0	0	$D \rightarrow \psi \bar{\psi}$
Graviton	2	2	0	1	1	0	0	$G \rightarrow \psi \bar{\psi}$
Scalar	1	0	0	1	1	0	0	$\phi \rightarrow \psi \bar{\psi}$
Vector	1	1	0	1	1	0	0	$V \rightarrow \psi \bar{\psi}$
Tensor	2	2	0	1	1	0	0	$T \rightarrow \psi \bar{\psi}$
Majorana	1	0	0	1	1	0	0	$M \rightarrow \psi \bar{\psi}$
Dirac	1	0	0	1	1	0	0	$D \rightarrow \psi \bar{\psi}$
Graviton	2	2	0	1	1	0	0	$G \rightarrow \psi \bar{\psi}$
Scalar	1	0	0	1	1	0	0	$\phi \rightarrow \psi \bar{\psi}$
Vector	1	1	0	1	1	0	0	$V \rightarrow \psi \bar{\psi}$
Tensor	2	2	0	1	1	0	0	$T \rightarrow \psi \bar{\psi}$
Majorana	1	0	0	1	1	0	0	$M \rightarrow \psi \bar{\psi}$
Dirac	1	0	0	1	1	0	0	$D \rightarrow \psi \bar{\psi}$
Graviton	2	2	0	1	1	0	0	$G \rightarrow \psi \bar{\psi}$
Scalar	1	0	0	1	1	0	0	$\phi \rightarrow \psi \bar{\psi}$
Vector	1	1	0	1	1	0	0	$V \rightarrow \psi \bar{\psi}$
Tensor	2	2	0	1	1	0	0	$T \rightarrow \psi \bar{\psi}$
Majorana	1	0	0	1	1	0	0	$M \rightarrow \psi \bar{\psi}$
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Scalar	1	0	0	1	1	0	0	$\phi \rightarrow \psi \bar{\psi}$
Vector	1	1	0	1	1	0	0	$V \rightarrow \psi \bar{\psi}$
Tensor	2	2	0	1	1	0	0	$T \rightarrow \psi \bar{\psi}$
Majorana	1	0	0	1	1	0	0	$M \rightarrow \psi \bar{\psi}$
Dirac	1	0	0	1	1	0	0	$D \rightarrow \psi \bar{\psi}$
Graviton	2	2	0	1	1	0	0	$G \rightarrow \psi \bar{\psi}$
Scalar	1	0	0	1	1	0	0	$\phi \rightarrow \psi \bar{\psi}$
Vector	1	1	0	1	1	0	0	$V \rightarrow \psi \bar{\psi}$
Tensor	2	2	0	1	1	0	0	$T \rightarrow \psi \bar{\psi}$
Majorana	1	0	0	1	1	0	0	$M \rightarrow \psi \bar{\psi}$
Dirac	1	0	0	1	1	0	0	$D \rightarrow \psi \bar{\psi}$
Graviton	2	2	0	1	1	0	0	$G \rightarrow \psi \bar{\psi}$
Scalar	1	0	0	1	1	0	0	$\phi \rightarrow \psi \bar{\psi}$

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